

AMENDMENTS TO CLAIMS

List of Claims

Claim 1 (Currently Amended): A vehicle headlight comprising: a reflector defining an optical axis, the headlight defining two horizontal half planes at different heights; and a horizontal light source oriented in relation to the reflector transversely to the said optical axis, the headlight being such as to generate a beam of light radiation from said light source reflected from the reflector, in which the light beam defines a cut-off delimited by the said half planes, wherein the headlight further defines a horizontal axis transverse to the said optical axis, the reflector being divided into a first sector and further sectors, the first sector being dedicated adapted to generate generating images situated below the upper of the two said half planes delimiting said cut-off.

Claim 2 (Canceled)

Claim 3 (Original): A headlight according to Claim 1, wherein the said first sector defines a vertical generatrix defining a constant emission direction such that, for any point on the said generatrix, a light ray emitted tangentially by an edge of the light source is reflected by that point parallel to the emission direction, and the light rays emitted by the remainder of the light source are reflected by that point in a downward inclination with respect to the emission direction.

Claim 4 (Original): A headlight according to Claim 1, wherein at least one said further sector of the reflector defines a vertical generatrix such that, for any point on the said generatrix, a light ray emitted tangentially by an edge of the light source is reflected by that point parallel to the optical axis, and the light rays emitted by the remainder of the light source are reflected by that point in a downward inclination with respect to the optical axis.

Claim 5 (Canceled)

Claim 6 (Original): A headlight according to Claim 1, defining a horizontal plane extending at the height of the lower of the two said mid-planes, the headlight being adapted so that, if the said first sector occupied its said initial position, the headlight would produce a cut-off beam entirely delimited by the said horizontal plane.

Claim 7 (Canceled)

Claim 8 (Original): A headlight according to Claim 1, wherein the light source has a lateral end, the said first sector having a vertical edge in line with the said lateral end.

Claim 9 (Original): A headlight according to Claim 1, wherein the reflector includes a lower half, the said first sector extending into the said lower half.

Claim 10 (Original): A headlight according to Claim 1, wherein the reflector has an

upper edge and a lower edge and defines an essentially horizontal plane passing close to the said light source, the said first sector extending between one of said edges of the reflector and the said essentially horizontal plane.

Claim 11 (Original): A headlight according to Claim 1, wherein the said first sector has, as seen in front elevation, a generally trapezoidal form defining a generally vertical major axis.

Claim 12 (Original): A headlight according to Claim 1, wherein the said axis of rotation extends to a lower end of the said first sector.

Claim 13 (Original): A headlight according to Claim 1, wherein at least one said sector 10 of the reflector has a parabolic, essentially horizontal, generatrix.

Claim 14 (Original): A headlight according to Claim 1, wherein the reflector defines a height greater than its width.

Claim 15 (Currently Presented): A vehicle headlight comprising: a reflector defining an optical axis, the headlight defining two horizontal half planes at different heights; and a horizontal light source oriented in relation to the reflector transversely to the said optical axis, the headlight being such as to generate a beam of light radiation from said light source reflected from the reflector, in which the light beam defines a cut-off delimited

by the said half planes, wherein the headlight further defines a horizontal axis transverse to the said optical axis, the reflector being divided into a first sector and further sectors, the first sector being adapted dedicated to generate generating images situated below the upper of the two said half planes delimiting said cut-off;

wherein the light source has a lateral end, the said first sector extending at least partly beyond the said lateral end.

Claim 16 (Currently Presented): A vehicle headlight comprising: a reflector defining an optical axis, the headlight defining two horizontal half planes at different heights; and a horizontal light source oriented in relation to the reflector transversely to the said optical axis, the headlight being such as to generate a beam of light radiation from said light source reflected from the reflector, in which the light beam defines a cut-off delimited by the said half planes, wherein the headlight further defines a horizontal axis transverse to the said optical axis, the reflector being divided into a first sector and further sectors, the first sector being adapted dedicated to generate generating images situated below the upper of the two said half planes delimiting said cut-off;

wherein said further sectors are so arranged as to generate images of the light source all situated at heights in a range excluding heights above the limit of the lower of the two said half planes.

Claim 17 (New): A vehicle headlight comprising: a reflector defining an optical axis, the headlight defining two horizontal half planes at different heights; and a horizontal

light source oriented in relation to the reflector transversely to the said optical axis, the headlight being such as to generate a beam of light radiation from said light source reflected from the reflector, in which the light beam defines a cut-off delimited by the said half planes, wherein the headlight further defines a horizontal axis transverse to the said optical axis, the reflector being divided into a first sector and further sectors, the first sector being dedicated to generating images situated below the upper of the two said half planes and delimiting said cut-off defining the horizontal plane at the height of the lower of the two said half planes, all the said further sectors being such as to generate a portion of cut-off beam entirely delimited by the said horizontal plane.